ABSTRACT

An automated nodal calling system comprises a database having a plurality of phone numbers and associated geographic identifiers. In the event of an emergency, an emergency calling area is defined and a message is recorded for delivery to the callees in the emergency calling area. The system generates a call request for all phone numbers having an associated geographic identifiers within the emergency calling area. Each call request contains various pieces of information important to proper completion of the phone call identified in the call request. All of the call requests are stored in a queue and the system determines whether to process each call request from a local node or a remote node. A call request to be processed from a local node is delivered to a template program which connects to the telecommunications system and completes the call request to the identified phone number. After the local node completes the call request, a call response is generated to identify the result of the call request. A call request to be processed from a remote node is delivered to the remote node using a network connection. After the remote node processes the call request, the remote node sends a call response back to the local node using the network connection. In this fashion, the system is capable of efficiently contacting all callees with an emergency message by utilizing both local nodes and remote nodes to place the calls to the callees.